

Early Warning

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ASSOCIATION OF
AMERICAN RAILROADS



Agenda

- **Early Warning Re-write Overview**
- **Rule 125 Enforcement Details**
- **Recall Automation**



Early Warning Re-write Overview

Five Key Objectives

1. Streamlined input workflows and enhanced user interface – “Smart UI”



Old EW Screen Without "Smart UI"

- Create New Notice

[Home](#) [Create](#) [Assign](#) [Inspect](#) [Query](#) [Admin](#)

EW / MA Notice Title	*	<input type="text"/>		
EW / MA Notice Type	*	Select Notice Type <input type="button" value="v"/>		
EW / MA Notice Text *		<div style="border: 1px solid black; height: 300px;"></div>		
Severity Code	*	Select Severity Code <input type="button" value="v"/>		
Expiration Date	*	Mar <input type="button" value="v"/>	29 <input type="button" value="v"/>	2001 <input type="button" value="v"/> Show Calendar
Assignment Reporter Marks	*	<input type="radio"/> Equipment Owner <input type="radio"/> AAR Only		<input type="radio"/> Specify <input type="button" value="v"/>
Final Inspection Reporter Marks	*	<input type="radio"/> Open		<input type="radio"/> Specify <input type="button" value="v"/>
				<input type="text"/>
				<input type="text"/>



New Screen Including “Smart UI”

Browser: railinc.com https://www.railinc.com/earlywarning/

Signed in as: TJOHNS for Company AAR | Launch Pad | Contact Us | Sign Out

RAILINC Early Warning

- Home
- Create Notice**
- Report Inspection
- Query Notices
- Query Trans Log
- Configure Ticklers
- Documentation

Create Notice

Notice Title: *

Notice Type: * Select Notice Type

Notice Text: *

Severity Code: * Select SeverityCode

Effective Date: *

Expiration Date: *

File Number: *

Assign Reporter Marks: * AAR Only Equip Owner Specify

Inspection Code MC: Allow MC Reporting **Next MC Inspection Due:**

Final Inspection Marks: * Open Specify

Allowable Final Inspection Codes: MR-Car Inspected, return car to service
 MH-Car Repaired, return car to service

Mechanical Designations: *

Buttons: Preview Notice, Back

- Ability to Upload Attachments
- Easy Side Navigation
- Easy Calendar
- Spyglass Lookups
- Text Smart Edits



New Screen Including “Smart UI”

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RAILINC Early Warning

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Create Notice

Notice Title: *

Notice Type: *

Notice Text: * This illu*strates the \$ high/lighting
of ch&aracters that #cannot be
trans?mitted in Train II, so the *user
can find and cor+rect them.

Assign Reporter Marks: * AAR Only Equip Owner Specify

Inspection Code MC: Allow MC Reporting **Next MC Inspection Due:**

Final Inspection Marks: * Open Specify

Allowable Final Inspection Codes: MR-Car Inspected, return car to service
 MH-Car Repaired, return car to service

Mechanical Designations:

Preview Notice Back



Enhanced Query Functionality

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Early Warning Query

Basic Query

Notice View Equipment View

Notice Type: Early Warning (EW)
 Maintenance Advisory (MA)
 Both

Notice Numbers:

Equipment IDs:

 Part Number/Text:

Advanced Query

Umler Data

Mechanical Designations:

EINs:

Maint Parties:

Mark Owners:

Umler Owners:

Lessees:

Equip Status: Active
 Inactive
 Pre-registered

Equipment Assigned: From: To:

Equipment Inspected: From: To:

Inspection Status - Show Equipment With:

- Query by Umler data

Search Count Reset Back



Five Key Objectives

- 1. Streamlined input workflows and enhanced user interface**
- 2. Provided the capability for increased visibility of notices in related systems – Internal Web Services**
- 3. Enhanced industry communication (ticklers)**



Seven New Early Warning Ticklers

← → railinc.com https://www.railinc.com/earlywarning/

RAILINC Early Warning Signed

Home Create Notice Report Inspection Query Notices Query Trans Log Configure Ticklers Documentation	Configure Ticklers - Enter valid email addresses separated by semi-colon		
	Tickler Code	Tickler Description	Email Addresses
	110	EW/MA Notice has been created.	frank.dunleavy@railinc.com;
	120	Supplemental Early Warning Notice created	frank.dunleavy@railinc.com;
	210	Equipment has been assigned to a notice	frank.dunleavy@railinc.com;
	220	Equipment has been removed from a notice	frank.dunleavy@railinc.com;
	310	EW/MA Notice expires in 30 days	frank.dunleavy@railinc.com;
	320	EW/MA Notice expires in 10 days	frank.dunleavy@railinc.com;
330	EW/MA Notice has expired	frank.dunleavy@railinc.com;	



Five Key Objectives

- 1. Streamlined input workflows and enhanced user interface**
- 2. Provided the capability for increased visibility of notices in related systems – Internal Web Services**
- 3. Enhanced industry communication (ticklers)**
- 4. Developed external web services**
- 5. Improved the frequency of the batch (monthly) Umler ABT expiration job – now runs daily with enhanced logic**



Impact of Project: Enhanced Industry Operational Excellence

- **Faster and more accurate notice creation**
- **Easily accessed and integrated throughout the industry (and Railinc) via web services**
- **Upgraded technology platform has made the system easier to support, maintain and enhance**
 - **E.g. Rule 125 enforcement**



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Rule 125 Enforcement: 4 Phases

- **3228 cars removed from old notices since April**
- **1372 cars restricted from interchange due to expired Early Warning notices**

Phase – Expiration Date*	April 1 st Counts	September 21 st Count	Cars with XX
Phase 1 – 4/3/2012	510	212	212
Phase 1a (EW 5232) – 6/1/2012	587	268	268
Phase 2 – 7/1/2012	3,586	1069	671
Phase 3 – 10/1/2012*	60	35	
Phase 4 – 1/1/2013*	992	625	
Post 1/1/2011	~ 2000	~2500	221

* Actual date will usually be a the first business day after the expiration date



Rule 125 Enforcement: 4 Phases

- **Some notices are exempt from Rule 125**

Exemption	EW	MA
DDCT		124, 125, 127, 128
ABT	5171	63
AAR Designated	None	None



Rule 125 Business Process

- **Cars without final inspections reported prior to the notice expiration date will be escalated**
 - From MA to EW
 - EW to restricted from interchange via transportation code “XX”



How Does “XX” get Applied?

- **A daily batch process between Umler and EW runs to add and remove “XX” based on notice expirations**
- **Transportation Code Hierarchy is maintained**
- **Reporting a final inspections will kickoff a transaction to remove the “XX” at the time of reporting**
- **Pool Codes and Transportation Codes are returned to their previous designation when “XX” is removed by the reporting of a final inspection**



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Early Warning Recall Automation - Goals

- 1. Easily identify components for recall**
 - New query functionality with save and modify capabilities
- 2. Flag components under recall with EW number**
 - Includes associated and unassociated
- 3. Add cars with recalled components to EW**
- 4. Remove cars from EW when a recalled component is unassociated**
- 5. Notify when recalled component is associated to a car**
- 6. Continuous add and remove logic**



Early Warning Recall Automation – Reporting Inspections

- **Users will continue to be able to report inspections directly to Early Warning as they do today**
 - A reminder will be displayed to update the component registry information as well
- **The Component Registry will send a final inspection (MH) on behalf of the reporter only when a recalled component has been replaced.**
 - MH is the only inspection type reported by the component registry



Industry Input

Let us know at...

CSC@Railinc.com



Questions?